

Part 573 Safety Recall Report**15V-655****Manufacturer Name :** Mercedes-Benz USA, LLC.**Submission Date :** OCT 26,2015**NHTSA Recall No. :** 15V-655**Manufacturer Recall No. :** 2015100005**Manufacturer Information :**

Manufacturer Name : Mercedes-Benz USA, LLC.

Address : One Mercedes Dr, PO Box 350
Montvale NJ 07645-0350

Company phone : 201-573-5339

Population :

Number of potentially involved : 2,618

Estimated percentage with defect : 100

Vehicle Information :

Vehicle : 2014-2015 Mercedes-Benz B-Class Electric drive

Vehicle Type : LIGHT VEHICLES

Body Style : 4-DOOR

Power Train : HYBRID ELECTRIC

Descriptive Information : 242.890 MY14 1528, MY15, 1090

Production Dates : NOV 21, 2013 - MAY 26, 2015

VIN (Vehicle Identification Number) Range

Begin : WDDVP9AB0EJ000187

End : WDDVP9ABXFJ006810

☒ Not sequential VINs**Description of Defect :**

Description of the Defect : DAG has determined that in rare cases on certain B-Class electric drive vehicles (242 platform) the powertrain gateway control unit might send an incorrect signal for a very short duration regarding the status of the high voltage contactor. Should this occur, the vehicle would react to this signal by immediately powering down the electric powertrain unit. As a consequence, the propulsion power would be lost, temporarily immobilizing the vehicle. In such a case, the vehicle can be restarted using the ignition key.

FMVSS 1 :NR

FMVSS 2 :NR

Description of the Safety Risk : A loss of propulsion power could increase the risk of a crash.

Description of the Cause : NR

Identification of Any Warning that can Occur : NR

Supplier Identification :**Component Manufacturer**

Name : TESLA MOTORS

Address : 3500 Deer Creek Rd
Palo Alto CALIFORNIA

Country : United States

Chronology :

In April 2015, DAG launched initial investigations based on individual field reports describing instances in which customers allegedly experienced the subject condition outlined above. No third party damages or personal injuries were reported.

DAG immediately started investigations to determine the root cause. Vehicles were equipped with special diagnostic equipment to trace and understand the issue.

In July 2015, DAG found a possible root cause which was based on an incorrect signal from the electric powertrain gateway control unit. Further investigations were initiated with the supplier to understand why this signal was sent.

Further analyses were done in September 2015, to identify potentially affected vehicles.

In early October 2015, DAG determined that a safety defect exists in the potentially affected vehicle population and decided to recall the vehicles.

Description of Remedy :

Description of Remedy Program : An authorized Mercedes-Benz Dealer will update the gateway software. MBUSA does not plan to provide notice about pre-notice reimbursement to owners because all involved vehicles from model years 2014 - 2015 remain covered under the new vehicle warranty.

How Remedy Component Differs from Recalled Component : New software version.

Identify How/When Recall Condition was Corrected in Production : A software change of the powertrain gateway supplier has ensured that this complaint can no longer occur in B-Class electric drive vehicles produced from 10/2015 onwards

Recall Schedule :

Description of Recall Schedule : Dealers will be informed of the new recall to address the potentially affected VINs in December 2015. Owner notifications will occur one week after recall launch, estimated December 2015.

Planned Dealer Notification Date : NR - NR

Planned Owner Notification Date : NR - NR

* NR - Not Reported